
Virginia's Physical Therapy Assistant Workforce: 2012

Healthcare Workforce Data Center

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Virginia Department of Health Professions
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Almost 1,900 Physical Therapy Assistants voluntarily participated in this survey. Without their efforts the work of the center would not be possible. The Department of Health Professions, the Healthcare Workforce Data Center, and the Board of Physical Therapy express our sincerest appreciation for your ongoing cooperation.

Thank You!

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Contents

At a Glance	1
Results in Brief	2
Survey Response Rates	3
The PTA Workforce	4
Demographics	5
Background	6
Education	8
Other Credentials	9
Current Employment Situation	10
Employment Quality	11
2012 Labor Market	12
Work Site Distribution	13
Establishment Type	14
Time Allocation	16
Retirement & Future Plans	17
Full time Equivalency Units	19
Maps	20
Council on Virginia’s Future Regions	20
Area Health Education Center Regions	21
Workforce Investment Areas	22
Health Services Areas	23
Planning Districts.....	24
Appendices	25
Appendix A: Weights	25
Appendix B: The 2012 Physical Therapy Assistant Survey.....	26

The PTA Workforce: At a Glance:

The Workforce

Licensees:	2,653
Virginia's Workforce:	2,377
FTEs:	2,046

Background

Rural Childhood:	46%
HS Degree in VA:	58%
Prof. Degree in VA:	72%

Current Employment

Employed in Prof.:	95%
Hold 1 Full-time Job:	68%
Satisfied?:	97%

Survey Response Rate

All Licensees:	71%
Renewing Practitioners:	87%

Education

Associate or Higher:	98%
Bachelor or Higher:	1%

Job Turnover

Switched Jobs in 2012:	12%
Employed over 2 yrs:	58%

Demographics

% Female:	79%
Diversity Index:	28%
Median Age:	42

Finances

Median Hrly Wage: \$27-\$30	
Health Benefits:	56%
Under 40 w/ Ed debt:	49%

Typical PTA Time

Patient Care:	90-99%
Administration:	1-9%
PTAs primarily in PC:	90%

Source: Va. Healthcare Workforce Data Center

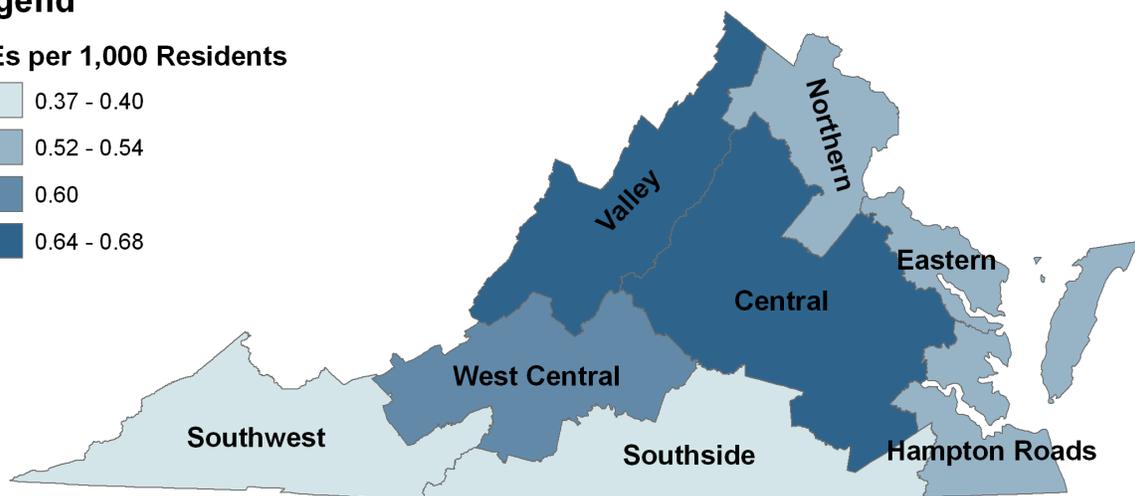
Full Time Equivalency Units per 1,000 Residents by Council on Virginia's Future Region

Source: Va Healthcare Workforce Data Center

Legend

FTEs per 1,000 Residents

	0.37 - 0.40
	0.52 - 0.54
	0.60
	0.64 - 0.68



July 2012 Population Estimates
from the University of Virginia's
Weldon Cooper Center for Public Service



Almost 1,900 Physical Therapy Assistants (PTA) voluntarily took part in the 2012 Physical Therapy Workforce Survey. The Virginia Department of Health Professions' Healthcare Workforce Data Center (HWDC) administers the survey during the license renewal process, which for PTAs occurs in December. These survey respondents represent 71% of the 2,653 PTAs licensed in the state and 87% of renewing practitioners.

The HWDC estimates that 2,377 PTAs were in Virginia's workforce in 2012, defined as those who worked at least a portion of the year in the state or who live in the state and intend to return to work as a PTA at some point. These PTAs provided 2,046 "full-time equivalency units" in 2012, which the HWDC defines simply as working 2,000 hours a year (or 40 hours per week for 50 weeks with 2 weeks off).

95% of PTAs were employed in physical therapy at the time of the survey. About two-thirds held one full-time position, while 15% held one part-time position. The remainder held two or more positions. PTAs tend to be very happy in their profession—97% indicated they were satisfied with their current employment situation, including 72% who indicated they were "very satisfied".

About 4 of every 5 PTAs are women. The median age of PTAs is 42, which is about the median age of Virginia's labor force as a whole. The PTA population is not as diverse as Virginia's population as a whole. In a random encounter between two PTAs, there is only a 28% chance they would be of different races or ethnicities. For the Virginia population the chance is 54%.

Almost all PTAs have a rural background. Over 1/3 of these work in non-Metro areas of the state. Almost 60% of PTAs graduated from high school in Virginia, while over 70% earned their PTA degree in the state. New York and Pennsylvania are the largest sources of PTAs outside of Virginia.

Virtually all PTAs are educated at the associate degree level. It appears to be a very lucrative degree, as the typical PTA earns between \$27 & \$30 per hours (about \$56,000 to \$62,000 annually for a full-time, 40-hour per week position). Additionally, 56% reported receiving employer-sponsored health insurance. 3 of every 5 PTAs have been employed at their primary location for over two years, the typical job tenure banks seek when offering the best interest rates on loans. However, almost half of PTAs under age 40 reported carrying educational debt, with the typical PTA under 40 carrying \$12,000-\$15,000 in educational debt. More than 1 in 10 PTAs switched jobs in 2012.

PTAs focus most of their effort directly on caring for patients. The typical PTA spends over 90% of her time on patient care and little on administration or other matters. 9 out of 10 PTAs are in positions that primarily focus on patient care.

A Closer Look:

Licensees		
License Status	#	%
Renewing Practitioners	2,178	82%
New Licensees	263	10%
Non-Renewals	212	8%
All Licensees	2,653	100%

Source: Va. Healthcare Workforce Data Center

Our surveys tend to achieve very high response rates. 87% of renewing PTAs submitted a survey. These represent 71% of PTAs who held a license at some point in 2012.

Statistic	Response Rates		Response Rate
	Non Respondents	Respondent	
By Age			
Under 30	197	245	55%
30 to 34	127	241	66%
35 to 39	68	261	79%
40 to 44	97	345	78%
45 to 49	91	251	73%
50 to 54	71	247	78%
55 to 59	59	192	77%
60 and Over	52	109	68%
Total	762	1,891	71%
New Licenses			
Issued in 2012	200	63	24%
Metro Status			
Non-Metro	97	354	79%
Metro	422	1,316	76%
Not in Virginia	243	221	48%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Licensed PTAs

Number:	2,653
New:	10%
Not Renewed:	8%

Response Rates

All Licensees:	71%
Renewing Practitioners:	87%

Source: Va. Healthcare Workforce Data Center

Response Rates

Completed Surveys	1,891
Response Rate, all licensees	71%
Response Rate, Renewals	87%

Source: Va. Healthcare Workforce Data Center

Definitions

- 1. The Survey Period:** The survey was conducted in December 2012.
- 2. Target Population:** All PTAs who held a Virginia license at some point in 2012.
- 3. Survey Population:** The survey was available to PTAs who renewed their licenses online. It was not available to those who did not renew, including some PTAs newly licensed in 2012.

At a Glance:

Workforce

2012 PTA Workforce: 2,377
 FTEs: 2,046

Utilization Ratios

Licensees in VA Workforce: 90%
 Licensees per FTE: 1.30
 Workers per FTE: 1.16

Source: Va. Healthcare Workforce Data Center

Definitions

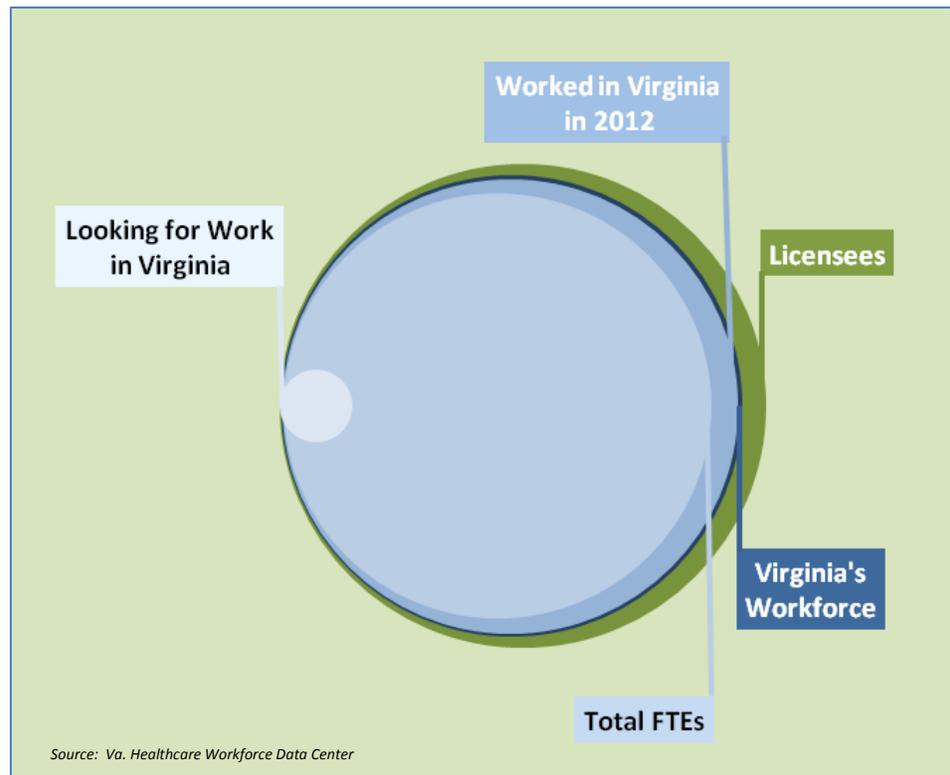
- 1. Virginia's PTA Workforce:** A licensee with a primary or secondary work site in Virginia at any time in 2012 or who indicated intent to return to Virginia's workforce at any point in the future.
- 2. Full Time Equivalency Unit (FTE):** The HWDC uses 2,000 (40 hours for 50 weeks) as its baseline measure for FTEs.
- 3. Licensees in VA Workforce:** The proportion of licensees in Virginia's Workforce.
- 4. Licensees per FTE:** An indication of the number of licensees needed to create 1 FTE. Higher numbers indicate lower licensee participation.
- 5. Workers per FTE:** An indication of the number of workers in Virginia's workforce needed to create 1 FTE. Higher numbers indicate lower utilization of available workers.

Virginia's PTA Workforce		
Status	#	%
Worked in Virginia in Past Year	2,338	98%
Looking for Work in Virginia	39	2%
Virginia's Workforce	2,377	100%
Total FTEs	2,046	
Licensees	2,653	

Source: Va. Healthcare Workforce Data Center

This report uses weighting to estimate the figures in this report. Unless otherwise noted, figures refer to the Virginia Workforce only. For more information on HWDC's methodology visit:

www.dhp.virginia.gov/hwdc



A Closer Look:

Age & Gender						
Age	Male		Female		Total	
	#	% Male	#	% Female	#	% in Age Group
Under 30	62	16%	335	84%	397	17%
30 to 34	79	24%	255	76%	334	14%
35 to 39	61	21%	235	79%	297	13%
40 to 44	94	24%	297	76%	391	17%
45 to 49	68	23%	228	77%	296	13%
50 to 54	48	17%	235	83%	283	12%
55 to 59	46	21%	174	79%	219	9%
60 +	33	23%	108	77%	141	6%
Total	490	21%	1,867	79%	2,358	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Gender

% Female: 79%
 % Under 40 Female: 80%

Age

Median Age: 42
 % Under 40: 44%
 % 55+: 15%

Diversity

Diversity Index: 28%
 Under 40 Div. Index: 31%

Source: Va. Healthcare Workforce Data Center

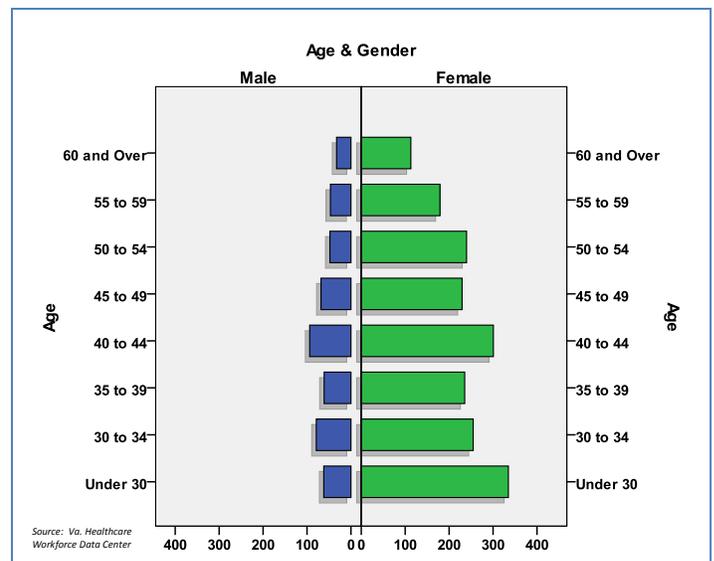
Race & Ethnicity					
Race/ Ethnicity	Virginia*	PTAs		PTAs under 40	
	%	#	%	#	%
White	64%	2,007	84%	849	82%
Black	19%	162	7%	79	8%
Asian	6%	45	2%	31	3%
Other Race	0%	29	1%	11	1%
Two or more races	2%	42	2%	20	2%
Hispanic	8%	80	3%	43	4%
Total	100%	2,365	100%	1,031	100%

*Population data in this chart is from the US Census, ACS 1-yr estimates, 2011 vintage.

Source: Va. Healthcare Workforce Data Center

In a chance encounter between two PTA's, there is a 28% chance the PTA's would be of a different race/ethnicity, compared to 54% chance for Virginia's population. PTAs under age 40 are only slightly more diverse.

Virginia's PTA population is largely female. For the most part, PTAs are evenly distributed among age groups. However there are very few PTAs over the age of 60, making the overall population younger.



Source: Va. Healthcare Workforce Data Center

At a Glance:

Childhood

Urban Childhood: 11%
 Rural Childhood: 46%

Native Sons

HS in Virginia: 58%
 PTA Educ in VA: 72%
 HS or PTA Ed in VA: 74%

Location Choice

% Rural to Non-Metro: 37%
 % Urban/Suburban to Non-Metro: 9%

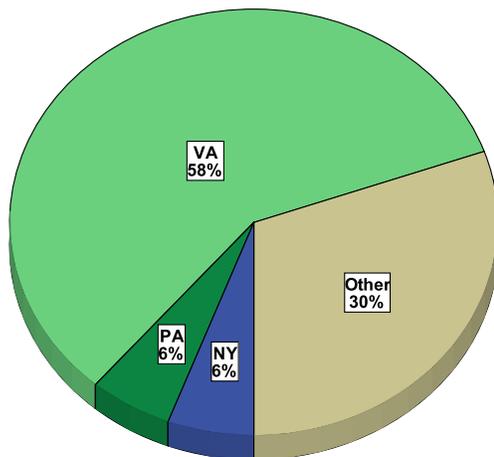
Source: Va. Healthcare Workforce Data Center

A Closer Look:

Primary Location:		Rural Status of Childhood Location		
Code	USDA Rural Urban Continuum Description	Rural	Suburban	Urban
Metro Counties				
1	Metro, 1 million+	27%	58%	14%
2	Metro, 250,000 to 1 million	46%	41%	13%
3	Metro, 250,000 or less	61%	29%	9%
Non-Metro Counties				
4	Urban pop 20,000+, Metro adj	73%	22%	5%
6	Urban pop, 2,500-19,999, Metro adj	79%	16%	5%
7	Urban pop, 2,500-19,999, nonadj	84%	15%	1%
8	Rural, Metro adj	78%	15%	7%
9	Rural, nonadj	64%	30%	6%
Overall		46%	43%	11%

Source: Va. Healthcare Workforce Data Center

High School Location

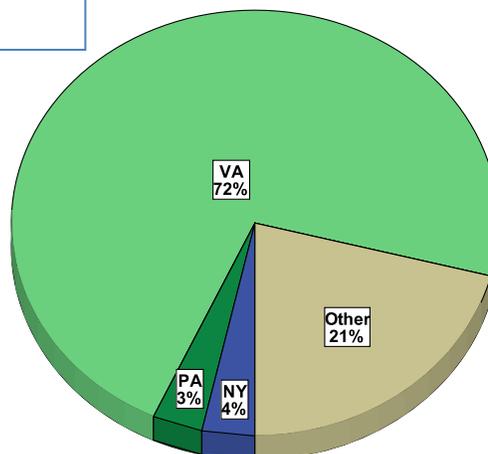


Source: Va. Healthcare Workforce Data Center

46% of PTAs grew up in self-described rural areas but only 22% work in Non-Metro counties. Only 1 in 3 PTAs who grew up in rural areas work in a Non-Metro county today, and only 1 in 10 who grew up in urban or suburban areas work in Non-Metro counties

Most Virginia PTAs are from Virginia. Over half of PTA's are graduates of Virginia High Schools. Almost ¾ completed their PTA degree in Virginia.

Location, Initial PTA Degree



Top Ten States for PTA Recruitment

Rank	All PTAs			
	High School	#	PTA School	#
1	Virginia	1,374	Virginia	1,663
2	New York	133	New York	81
3	Pennsylvania	130	Pennsylvania	77
4	Outside of the US	66	North Carolina	53
5	West Virginia	63	Maryland	45
6	North Carolina	62	Florida	44
7	Florida	51	West Virginia	40
8	Maryland	51	Ohio	33
9	Ohio	44	Tennessee	26
10	Tennessee	33	Massachusetts	25

Source: Va. Healthcare Workforce Data Center

Outside of Virginia, New York & Pennsylvania are the largest contributors to Virginia's PTA workforce—a trend that has continued among new licensees. Very few PTAs are from outside of the US (as measured by location of secondary school graduation).

Rank	Licensed in the Past 5 Years			
	High School	#	PTA School	#
1	Virginia	389	Virginia	437
2	Pennsylvania	42	Pennsylvania	32
3	New York	35	New York	28
4	West Virginia	23	Maryland	23
5	Outside of the US	23	Florida	20
6	North Carolina	21	North Carolina	17
7	Florida	19	West Virginia	17
8	Maryland	19	Tennessee	15
9	Tennessee	14	Texas	10
10	Kentucky	10	Alabama	9

Source: Va. Healthcare Workforce Data Center

Licensees who did not participate in Virginia's PTA Workforce *A potential source of PTAs for Virginia?*

About 10% of PTA licensees did not participate in Virginia's workforce in 2012. Almost all worked as PTAs in 2012 and 86% were working as PTAs at the time of the survey. Most worked in a state bordering Virginia or in the District of Columbia. Surprisingly, none were serving outside of Virginia in the US military or in other Federal service.

At a Glance:

Not in VA Workforce

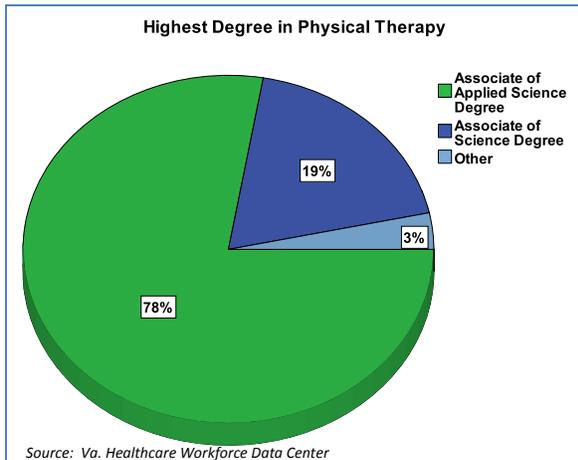
Total:	276
% of Licensees:	10%
Federal/Military:	0%
Va Border State/DC:	78%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Highest PTA Degree		
Degree	#	%
Certificate	10	0%
Associate of Applied Science	1,836	78%
Associate of Science	444	19%
Baccalaureate	35	1%
Other	35	1%

Source: Va. Healthcare Workforce Data Center



Source: Va. Healthcare Workforce Data Center

Almost all PTAs have an associate degree. Despite this, a large proportion carries educational debt, including almost half of those under age 40. A surprisingly large number carry more than \$10,000 in educational debt, including 32% of those under age 40. However, 80% of PTAs report having a non-PT degree (see next page).

At a Glance:

Education
 Associate or higher: 98%
 Bachelors or higher: 1%

Educational Debt
 With debt: 32%
 Under age 40 with debt: 49%
 Median debt: \$10k-\$12k

Source: Va. Healthcare Workforce Data Center

Educational Debt				
Amount Carried	All PTAs		PTA's under 40	
	#	%	#	%
None	1,451	68%	473	51%
Less than \$2,000	77	4%	38	4%
\$2,001-\$4,000	54	3%	40	4%
\$4,001-\$6,000	38	2%	22	2%
\$6,001-\$8,000	61	3%	32	3%
\$8,001-\$10,000	56	3%	37	4%
10,001-\$12,000	61	3%	42	4%
\$12,001-\$15,000	50	2%	44	5%
\$15,001-\$20,000	82	4%	61	7%
More than \$20,000	198	9%	146	16%
Subtotal	2,128	100%	935	100%
Item Missing	249		96	
Total	2,377		1,032	

Source: Va. Healthcare Workforce Data Center

At a Glance:

Education

Hold APTA Recognition:	7%
Have Non-PTA degree:	80%
Bachelors or higher:	39%

Top APTA Recognitions:

Geriatrics:	4%
Musculoskeletal:	3%
Neuromuscular:	2%

Top non-PTA Credentials:

Massage Therapy:	4%
Athletic Training:	2%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

APTA Recognition of Advanced Proficiency recognizes education, experience and leadership in a specified area of work. 7% of Virginia's PTAs have earned recognition. 16% have earned credentials in other areas, including 4% with Massage Therapy certifications

APTA Recognition of Advanced Proficiency

Proficiency Area	#	%
Acute Care	30	1%
Aquatic	32	1%
Cardiovascular/Pulmonary	17	1%
Geriatric	92	4%
Integumentary	5	0%
Musculoskeletal	68	3%
Neuromuscular	39	2%
Pediatric	14	1%
At least 1 Certification	160	7%

Source: Va. Healthcare Workforce Data Center

A large number of PTAs hold non-physical therapy degrees, including 39% with a baccalaureate or higher degree.

Highest Non-PTA Degree

Degree	#	%
Certificate	187	8%
Associate of Applied Science	536	23%
Associate of Science	221	9%
Baccalaureate	658	28%
Masters	72	3%
Doctorate/Professional	9	0%
Other	217	9%
Total	1,900	80%

Source: Va. Healthcare Workforce Data Center

Non-PTA Credentials

Area	#	%
Art/Dance Therapy	5	0%
Athletic Training	44	2%
Exercise Physiology	33	1%
Kinesiotherapy	9	0%
Nursing	12	1%
Occupational Therapy Assistant	4	0%
Massage Therapy	96	4%
Medical Assistant	7	0%
Other	203	9%
At least 1 Credential	382	16%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Employment

Employed in Profession: 95%
Involuntarily Unemployed: 1%

Positions Held

(among the employed)

1 Full-Time: 68%
2 or more Positions: 17%

Weekly Hours:

(among the employed)

40 to 49: 52%
60 or more: 3%
Less than 30: 14%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Current Work Status		
Status	#	%
Employed, capacity unknown	0	0%
Employed in a physical therapy related capacity	2262	96%
Employed, NOT in a physical therapy related capacity	32	1%
Not working, reason unknown	0	0%
Involuntarily unemployed	15	1%
Voluntarily unemployed	46	2%
Retired	9	0%
Total	2363	100%

Source: Va. Healthcare Workforce Data Center

Current Positions		
Positions	#	%
No Positions	70	3%
One Part-Time Position	345	15%
Two Part-Time Positions	104	4%
One Full-Time Position	1,534	65%
One Full-Time Position & One Part-Time Position	245	10%
Two Full-Time Positions	1	0%
More than Two Positions	43	2%
Total	2,342	100%

Current Weekly Hours		
Hours	#	%
0 hours	70	3%
1 to 9 hours	48	2%
10 to 19 hours	100	4%
20 to 29 hours	175	8%
30 to 39 hours	587	25%
40 to 49 hours	1,161	50%
50 to 59 hours	114	5%
60 to 69 hours	26	1%
70 to 79 hours	6	0%
80 or more hours	26	1%
Total	2,313	100%

Source: Va. Healthcare Workforce Data Center

A full 95% of Virginia's PTAs were employed within Physical Therapy when they renewed their licenses. Only 1% were involuntarily unemployed. Among those currently employed, 83% held one position and over ¾ worked 30 to 49 hours per week. Relatively few worked excessive hours, but 11% held a full-time position and one additional position.

A Closer Look:

Income		
Hourly Wage	#	%
Volunteer Only	4	0%
\$15.00 or Less	2	0%
\$15.01-\$18.00	7	0%
\$18.01-\$21.00	26	1%
\$21.01-\$24.00	114	6%
\$24.01-\$27.00	265	13%
\$27.01-\$30.00	385	19%
\$30.01-\$33.00	317	16%
\$33.01-\$37.00	290	14%
\$37.01-\$40.00	298	15%
More than \$40.00	156	8%
Total	148	7%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Earnings

Median Wage: \$27-\$30
Middle 50%: \$24-\$37

Benefits

Employer Health Insurance: 72%
Employer Retirement: 68%

Satisfaction

Satisfied 97%
Very Satisfied: 72%

Employer-Sponsored Benefits		
Benefit	#	%
Signing Bonus	232	10%
Dental Insurance	1,201	53%
Health Insurance	1,274	56%
Paid Leave	1,397	62%
Group Life Insurance	915	40%
Retirement	1,196	53%
Receive at least one benefit	1,760	78%

*From any employer at time of survey.

For their education level, median wages are high. The median wage is \$27-\$30 per hour. Additionally, over half of PTAs receive a full slate of employer-sponsored benefits, including health, dental, retirement and paid leave.

Job satisfaction among PTAs is very high. Almost all are satisfied and 3 out of 4 are very satisfied. Only 1% reported being very dissatisfied with their current employment situation.

Job Satisfaction		
Level	#	%
Very Satisfied	1,664	72%
Somewhat Satisfied	571	25%
Somewhat Dissatisfied	52	2%
Very Dissatisfied	11	1%
Total	2,299	100%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Underemployment in Past Year		
In the past year did you . . . ?	#	%
Experience Involuntary Unemployment?	59	2%
Experience Voluntary Unemployment?	112	5%
Work Part-time or temporary positions, but would have preferred a full-time/permanent position?	93	4%
Work two or more positions at the same time?	484	20%
Switch employers or practices?	287	12%
Experienced at least 1	830	35%

Source: Va. Healthcare Workforce Data Center

Only 2% of Virginia’s PTAs experienced involuntary unemployment at some point in 2012. By comparison, Virginia’s average monthly unemployment rate was 5.9%.¹

Location Tenure				
Tenure	Primary		Secondary	
	#	%	#	%
Not Currently Working at this Location	47	2%	68	11%
Less than 6 Months	159	7%	108	17%
6 Months to 1 Year	241	11%	98	15%
1 to 2 Years	509	22%	117	18%
3 to 5 Years	555	24%	140	22%
6 to 10 Years	387	17%	77	12%
More than 10 Years	395	17%	38	6%
Subtotal	2,293	100%	645	100%
Did not have location	44		1,705	
Item Missing	40		27	
Total	2,377		2,377	

Source: Va. Healthcare Workforce Data Center

Almost all PTAs are salary or wage employees. Almost 3 out of 4 receive an hourly wage.

At a Glance:

Unemployment Experience 2012

Involuntarily Unemployed: 2%
Underemployed: 4%

Turnover & Tenure

Switched Jobs: 12%
New Location: 26%
Over 2 years: 58%
Over 2 yrs, 2nd location: 40%

Employment Type

Salary or Wage: 94%

Source: Va. Healthcare Workforce Data Center

Almost 3 out of 5 PTAs have worked at their primary location for more than 2 years—the job tenure normally required to get a conventional mortgage loan.

Employment Type		
Primary Work Site	#	%
Salary/ Commission	416	22%
Hourly Wage	1,385	72%
By Contract	99	5%
Business/ Practice Income	10	1%
Unpaid	7	0%
Subtotal	1,917	100%
Did not have location	44	
Item Missing	416	

Source: Va. Healthcare Workforce Data Center

¹ As reported by the US Bureau of Labor Statistics. The not seasonally adjusted monthly unemployment rate ranged from 6.4% in January to 5.4% in November.

At a Glance:

Concentration

Top Region:	23%
Top 3 Regions:	61%
Lowest Region:	2%

Locations

2 or more (2012):	28%
2 or more (Now*):	25%

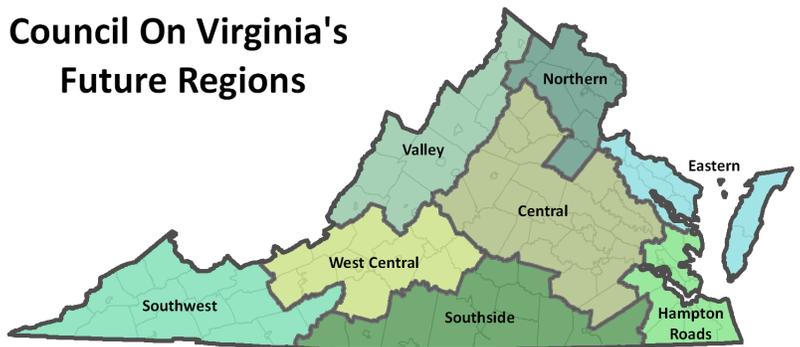
Source: Va. Healthcare Workforce Data Center

Almost 1 in 4 PTAs had their primary work location in Hampton Roads, while Northern Virginia and West Central (encompassing Roanoke) each had nearly 1 in 5 PTA work locations in 2012.

A Closer Look:

Regional Distribution of Work Locations				
COVF Region	Primary Location		Secondary Location	
	#	%	#	%
Central	272	12%	95	15%
Eastern	37	2%	18	3%
Hampton Roads	533	23%	142	22%
Northern	443	19%	114	18%
Southside	150	7%	31	5%
Southwest	296	13%	72	11%
Valley	122	5%	30	5%
West Central	407	18%	118	18%
Virginia Border State/DC	5	0%	5	1%
Other US State	15	1%	25	4%
Outside of the US	0	0%	1	0%
Total	2,280	100%	651	100%
Item Missing	55		23	

Council On Virginia's Future Regions



70% of PTAs had just one work location in 2012. Only 4% had 4 or more work locations. This is similar to the number of work locations PTAs had when they completed the survey.

Locations	Number of Work Locations			
	Work Locations in 2012		Work Locations Now*	
	#	%	#	%
0	44	2%	67	3%
1	1,661	70%	1,685	72%
2	306	13%	280	12%
3	263	11%	249	11%
4	53	2%	13	1%
5	21	1%	9	0%
6 or More	31	1%	25	1%
Total	2,377	100%	2,328	100%

*At the time of survey completion, December 2012.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Sector	Location Sector			
	Primary Location		Secondary Location	
	#	%	#	%
For-Profit	1,609	72%	526	83%
Non-Profit	462	21%	78	12%
State/Local Government	93	4%	26	4%
Veterans Administration	13	1%	0	0%
U.S. Military	49	2%	4	1%
Other Federal Government	4	0%	3	0%
Total	2,230	100%	637	100%
Did not have location	44		1,705	
Item Missing	103		36	

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

Sector

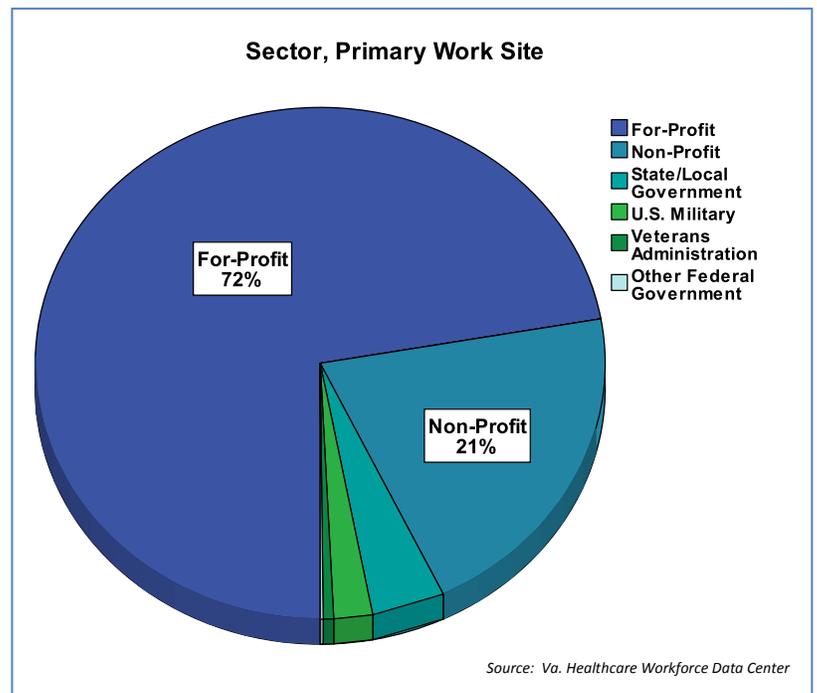
For Profit:	72%
Federal:	3%

Top Establishments

Rehabilitation Facility: (Inpatient & Outpatient)	25%
Home Health:	21%
Long-Term Care:	20%

Source: Va. Healthcare Workforce Data Center

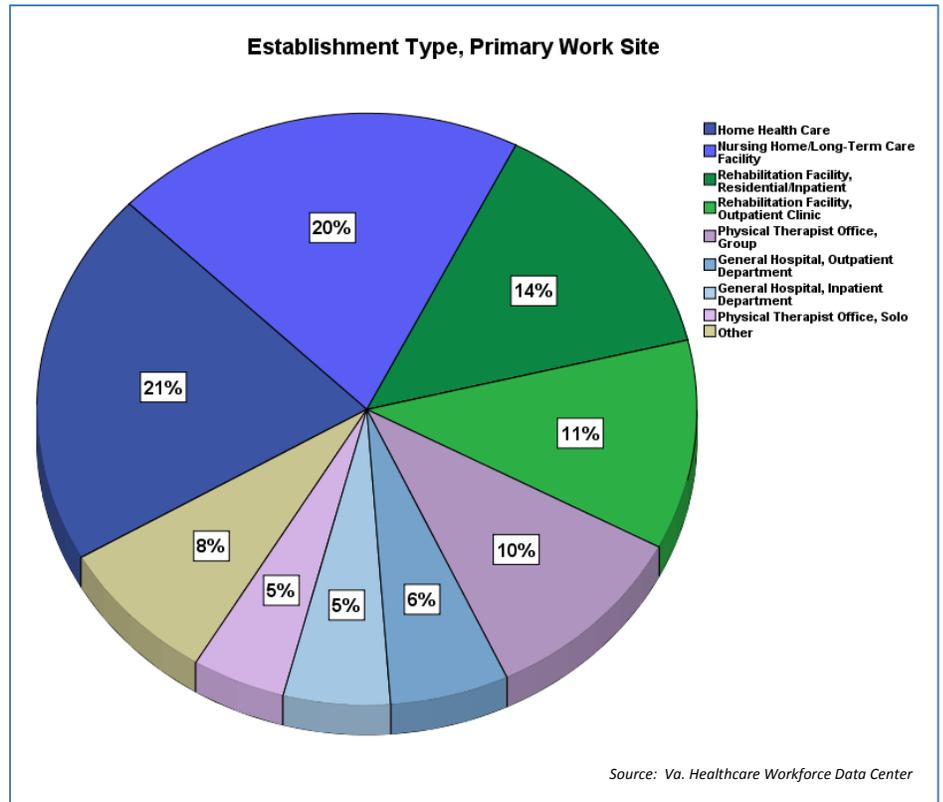
9 out of 10 PTA's primary work sites were in the private sector, including 3 of every 4 in for-profit enterprises. About 3% work for Federal government, serving military, veteran or other special patient groups.



Establishment Type	Location Type			
	Primary Location		Secondary Location	
	#	%	#	%
Long-Term Care Facility	438	20%	173	30%
Rehabilitation Facility, Inpatient	301	14%	112	20%
General Hospital, Outpatient	128	6%	5	1%
General Hospital, Inpatient	115	5%	52	9%
Home Health Care	449	21%	140	25%
PACE Center	5	0%	1	0%
Rehabilitation Facility, Outpatient	249	11%	39	7%
Physical Therapist Office, Group	226	10%	0	0%
Physical Therapist Office, Solo	100	5%	0	0%
Physician Office	39	2%	9	2%
Academic Institution	13	1%	4	1%
K-12 School System	46	2%	2	0%
Insurance	3	0%	0	0%
Device Maker/Distributor	1	0%	1	0%
Other	68	3%	30	5%
Total	2,181	100%	568	100%
Does not have location	44		1,705	

Most PTAs worked for a rehab facility long-term care facility, home health agency, hospital or other large organization. Only 15% were primarily employed in a Physical Therapist office in 2012. 2/3 of these were employed in group offices.

Source: Va. Healthcare Workforce Data Center



1 in 4 PTA's primary work site is in a Rehabilitation Facility. PTAs in Rehab Facilities are almost evenly divided between residential and outpatient facilities.

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

A Typical PTA's Time

Patient Care: 90%-99%
 Administration: 1%-9%
 Education: 0%
 Research: 0%

Roles

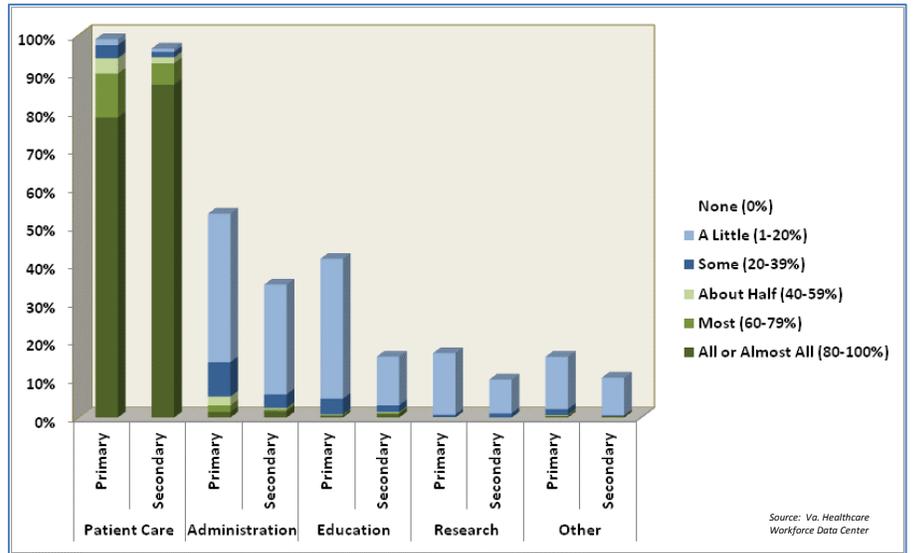
Patient Care: 90%
 Administrative: 3%
 Education: 1%
 Research: 0%

Patient Care PTAs

Median Admin Time: 0%
 Ave. Admin Time: 1%-9%

Source: Va. Healthcare Workforce Data Center

A Closer Look:



Source: Va. Healthcare Workforce Data Center

3 out of 4 PTAs spend all or almost all of their time on Patient Care. 90% of PTAs fill a patient care role, defined as spending 60% or more of their time on patient care.

Time Allocation										
Time Spent	Patient Care		Admin.		Education		Research		Other	
	Prim Site	Sec. Site	Prim Site	Sec. Site	Prim Site	Sec. Site	Prim Site	Sec. Site	Prim Site	Sec. Site
All or Almost All (80-100%)	78%	87%	1%	2%	0%	1%	0%	0%	0%	0%
Most (60-79%)	12%	6%	2%	1%	0%	0%	0%	0%	0%	0%
About Half (40-59%)	4%	2%	2%	0%	0%	0%	0%	0%	0%	0%
Some (20-39%)	3%	1%	9%	4%	4%	2%	1%	1%	1%	0%
A Little (1-20%)	2%	1%	39%	29%	37%	13%	16%	9%	14%	10%
None (0%)	1%	3%	47%	65%	58%	84%	83%	90%	84%	89%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Retirement Expectations				
Expected Retirement Age	All PTAs		PTAs over 50	
	#	%	#	%
Under age 50	110	5%	0	0%
50 to 54	110	5%	1	0%
55 to 59	260	13%	52	9%
60 to 64	579	28%	174	31%
65 to 69	683	33%	209	38%
70 to 74	152	7%	70	13%
75 to 79	27	1%	11	2%
80 or over	16	1%	0	0%
I do not intend to retire	140	7%	38	7%
Total	2,077	100%	555	100%

At a Glance:

Retirement Expectations

All PTAs

Under 65: 51%

Under 60: 23%

PTAs 50 and over

Under 65: 41%

Under 60: 10%

Time until Retirement

Within 2 years: 2%

Within 10 years: 15%

Half the workforce: by 2037

Source: Va. Healthcare Workforce Data Center

About a third of PTAs expect to retire at ages 65 to 69. However, over half expect to retire before age 65. PTAs over age 50 tend to expect retire later. Still, 2 in 5 expect to retire before the age of 65 and 1 in 10 before the age of 60. About 7% of all PTAs do not expect to ever retire.

Within the next year about 5% of PTAs plan to leave the profession or leave Virginia. We do not have any indication of the number of PTAs who plan to move to Virginia from other states.

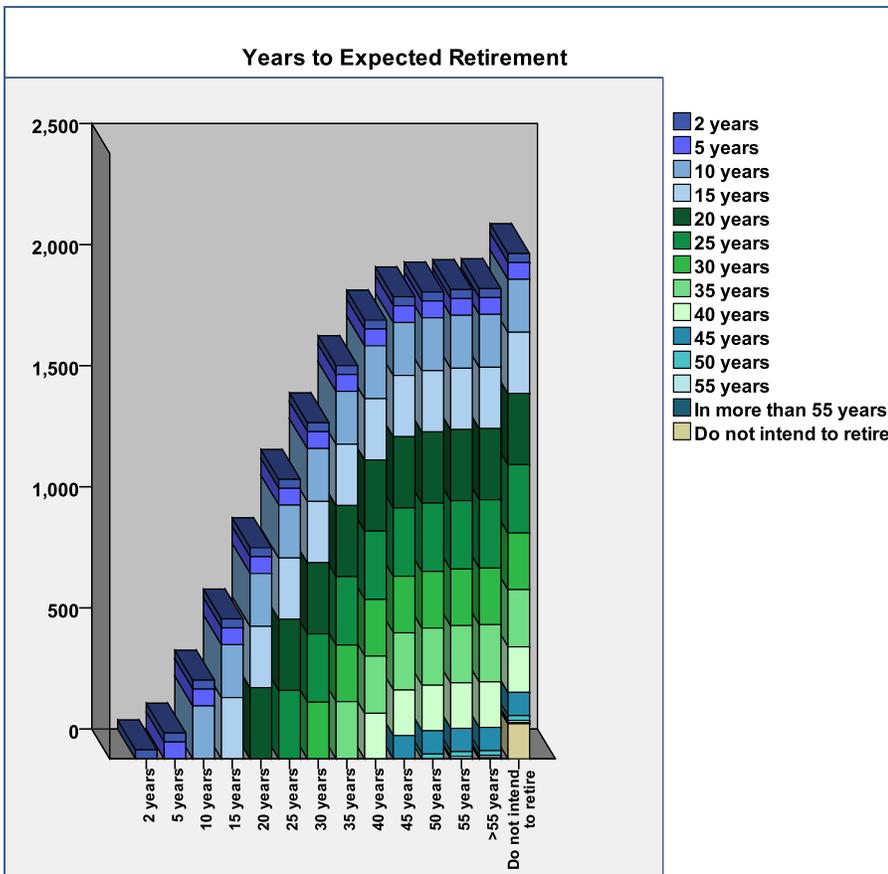
Future Plans

1 Year Plans:	#	%
Decrease Participation		
Leave Profession	33	1%
Leave Virginia	84	4%
Decrease Patient Care Hours	168	7%
Decrease Teaching Hours	5	0%
Increase Participation		
Increase Patient Care Hours	344	14%
Increase Teaching Hours	184	8%
Pursue Additional Education	691	29%
Return to Virginia's Workforce	14	1%

Source: Va. Healthcare Workforce Data Center

By comparing retirement expectation to age, we can estimate the maximum years to retirement for PTAs. Only a small proportion of PTAs expect to retire within 2 years. Another 3% expect to retire with 5 years, for a total of 5% within the next 5 years. In the reverse, 84% of PTAs expect to keep working for at least another ten years, and 58% for at least another 20 years.

Time to Retirement			
Expect to retire within . .	#	%	Cumulative %
2 years	36	2%	2%
5 years	69	3%	5%
10 years	216	10%	15%
15 years	253	12%	28%
20 years	294	14%	42%
25 years	282	14%	55%
30 years	234	11%	67%
35 years	236	11%	63%
40 years	188	9%	87%
45 years	96	5%	92%
50 years	20	1%	93%
55 years	10	0%	93%
In more than 55 years	4	0%	93%
Do not intend to retire	140	7%	100%
Total	2,077	100%	



Using these estimates, retirements will reach a rate of over 10% of the workforce every 5 years by 2022. Retirements will peak at 14% of the workforce around 2032 before declining to under 10% of the workforce around 2052. Over 1 in 4 PTAs expects to retire between 2032 and 2042.

Source: Va. Healthcare Workforce Data Center

At a Glance:

FTEs

Total: 2,046
Average: .88

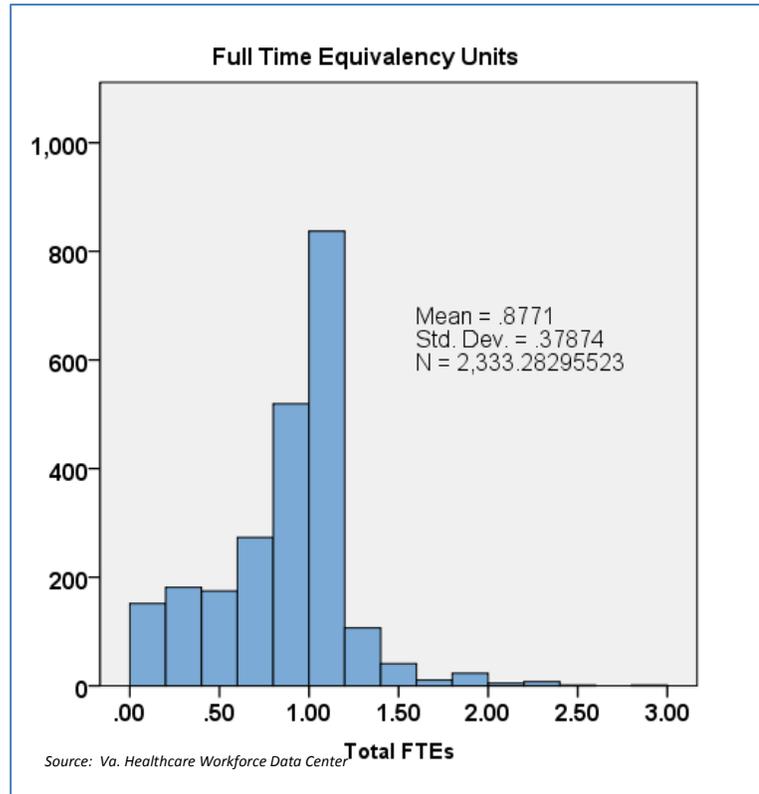
Age & Gender Effect

Age, Partial Eta²: .009
Gender, Partial Eta²: .007

Partial Eta² Explained:
Partial Eta² is a statistical measure of effect size.

- .01=Small Effect
- .06=Medium Effect
- .138=Large Effect

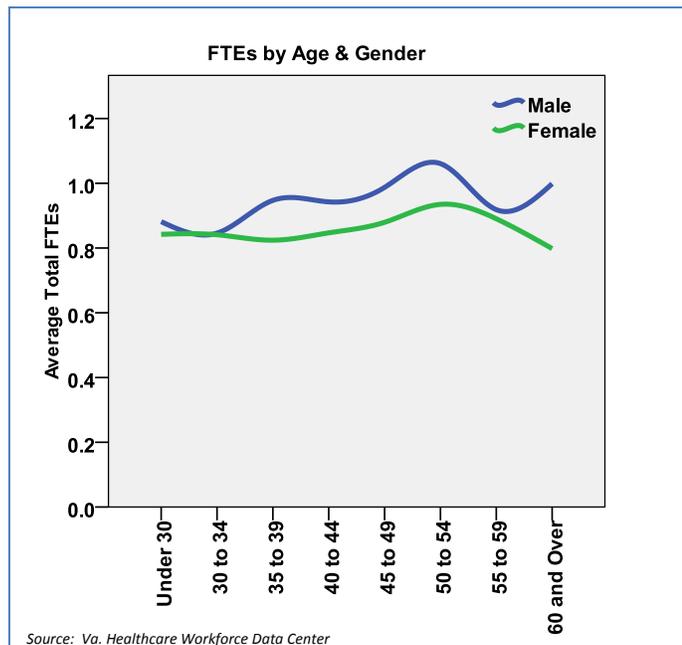
A Closer Look:

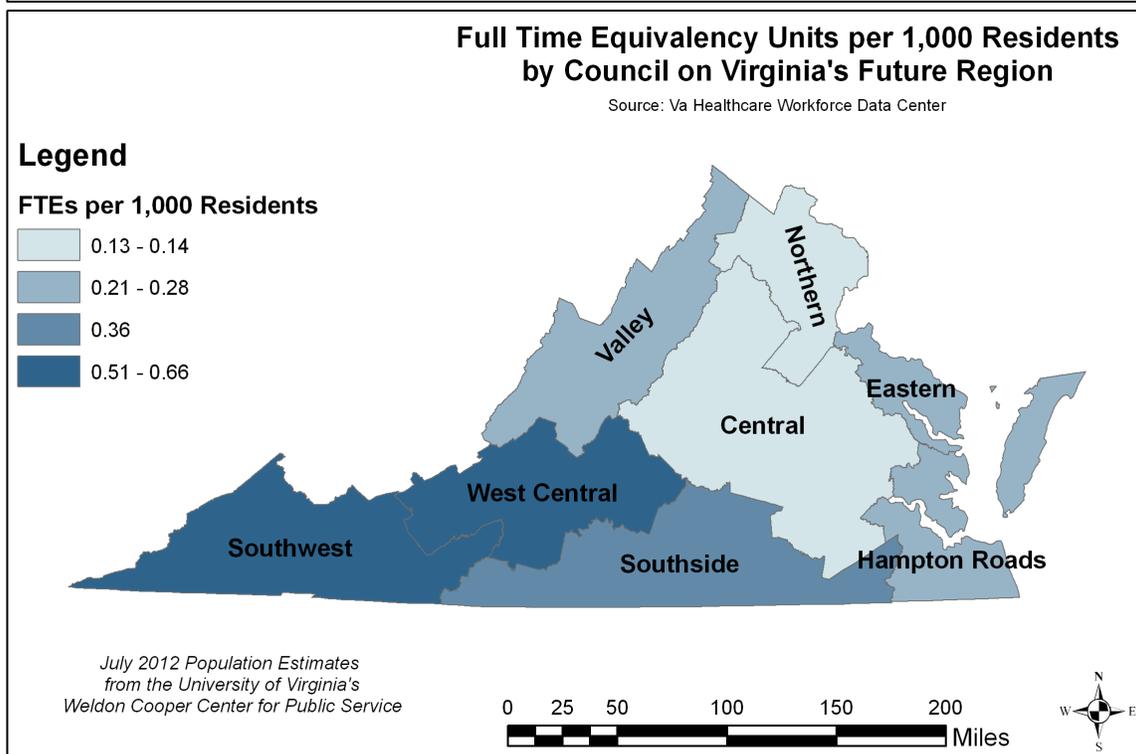
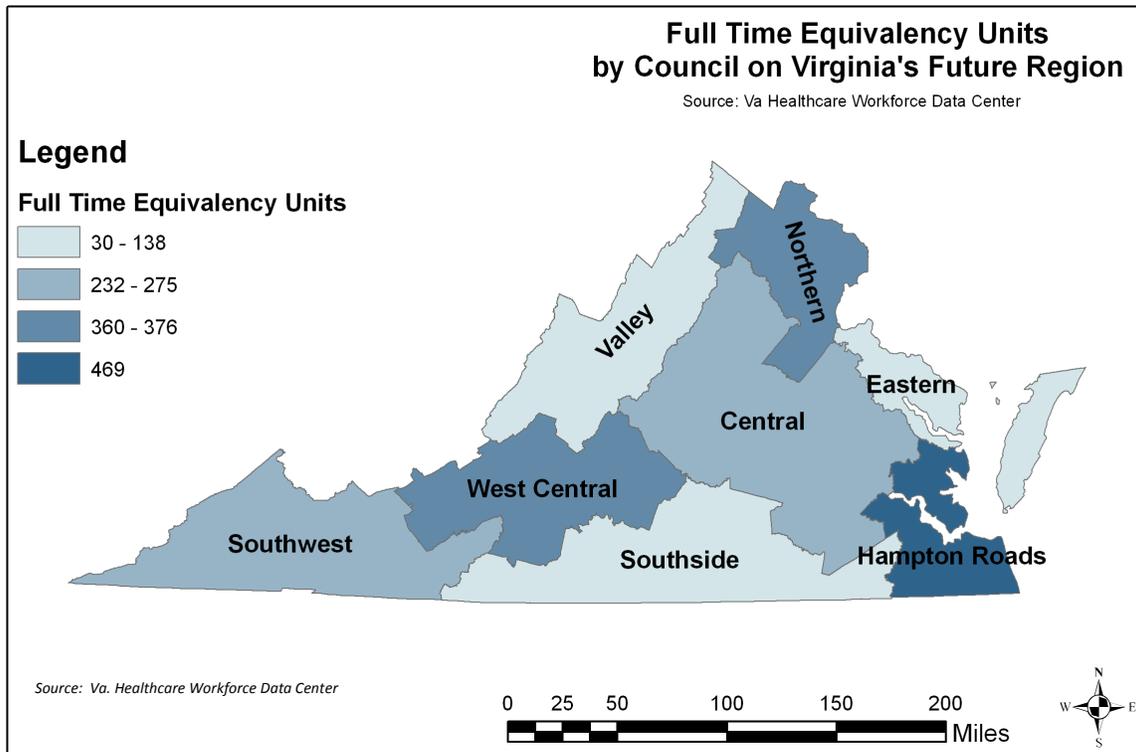


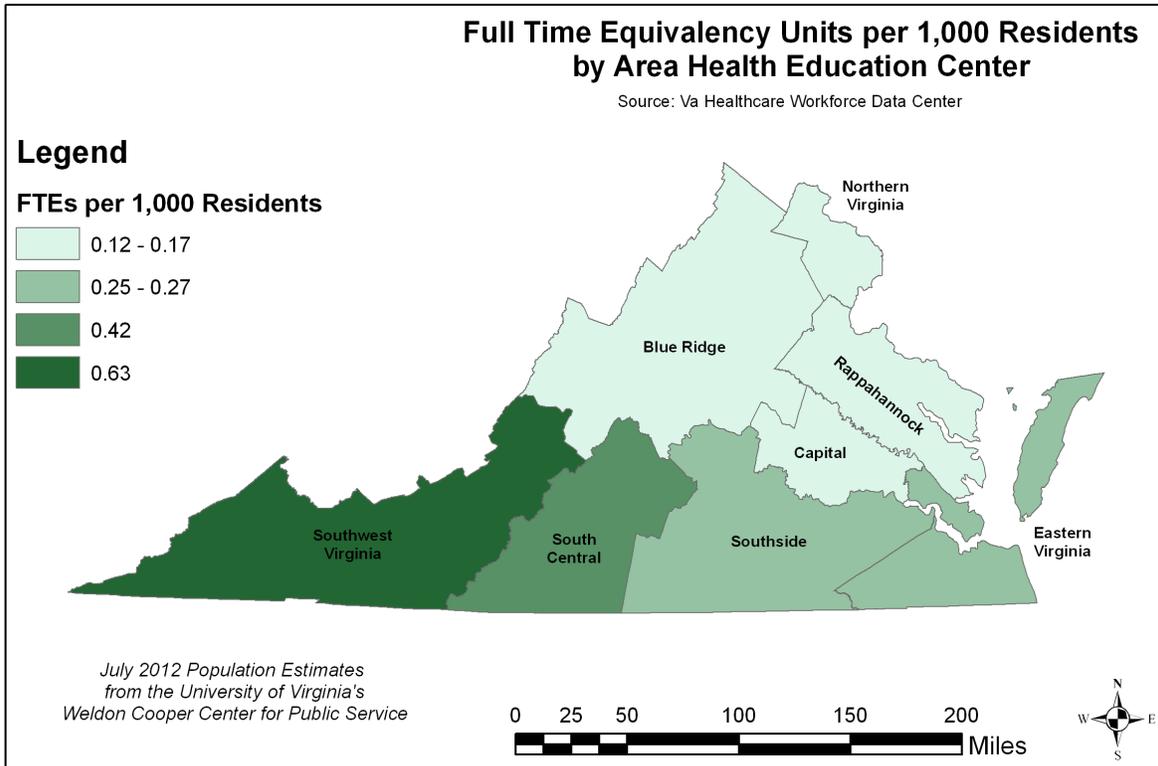
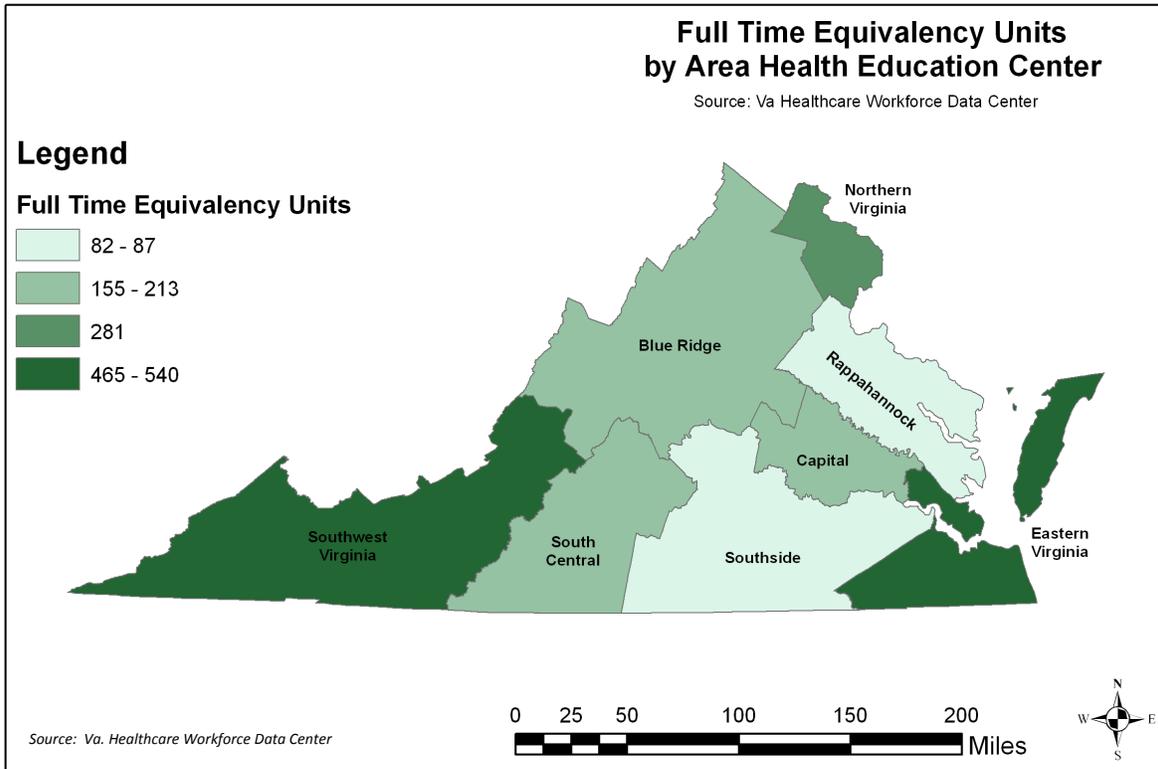
The typical (median) PTA provided 0.91 FTEs in 2012, or about 35 hours per week for 52 weeks. Although FTEs do vary by age and gender statistical tests indicate the real effect is small. Combined, gender and age account for only 12% of variation in FTEs.

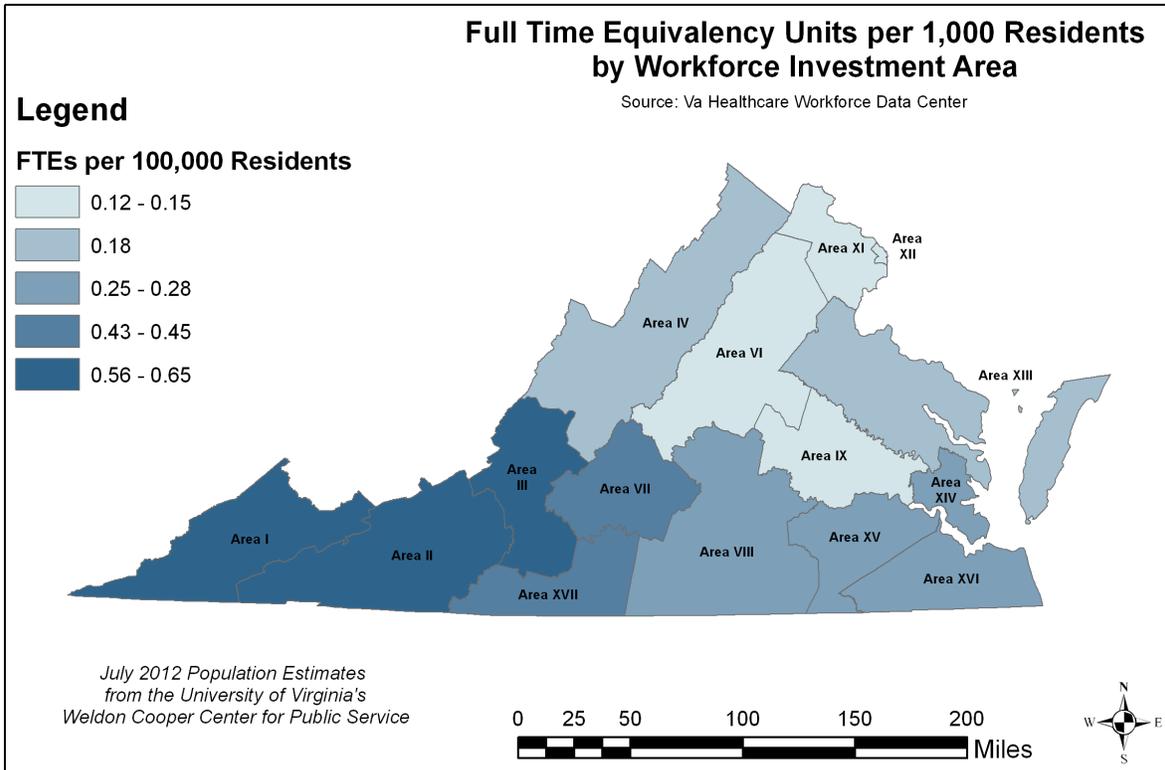
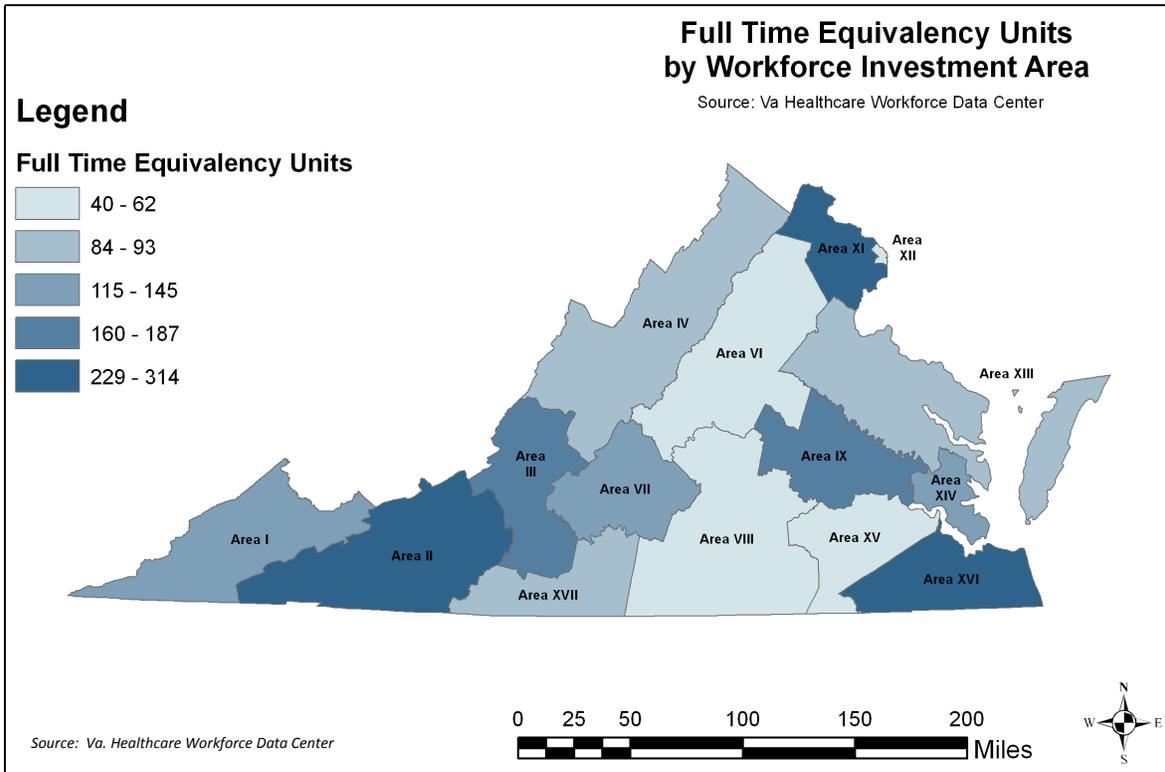
Full-Time Equivalency Units		
Age	Average	Median
Age		
Under 30	0.85	0.91
30 to 34	0.84	0.91
35 to 39	0.85	0.90
40 to 44	0.87	0.91
45 to 49	0.90	0.94
50 to 54	0.96	1.06
55 to 59	0.91	0.91
60 and Over	0.84	0.91
Gender		
Male	0.94	1.08
Female	0.86	0.91

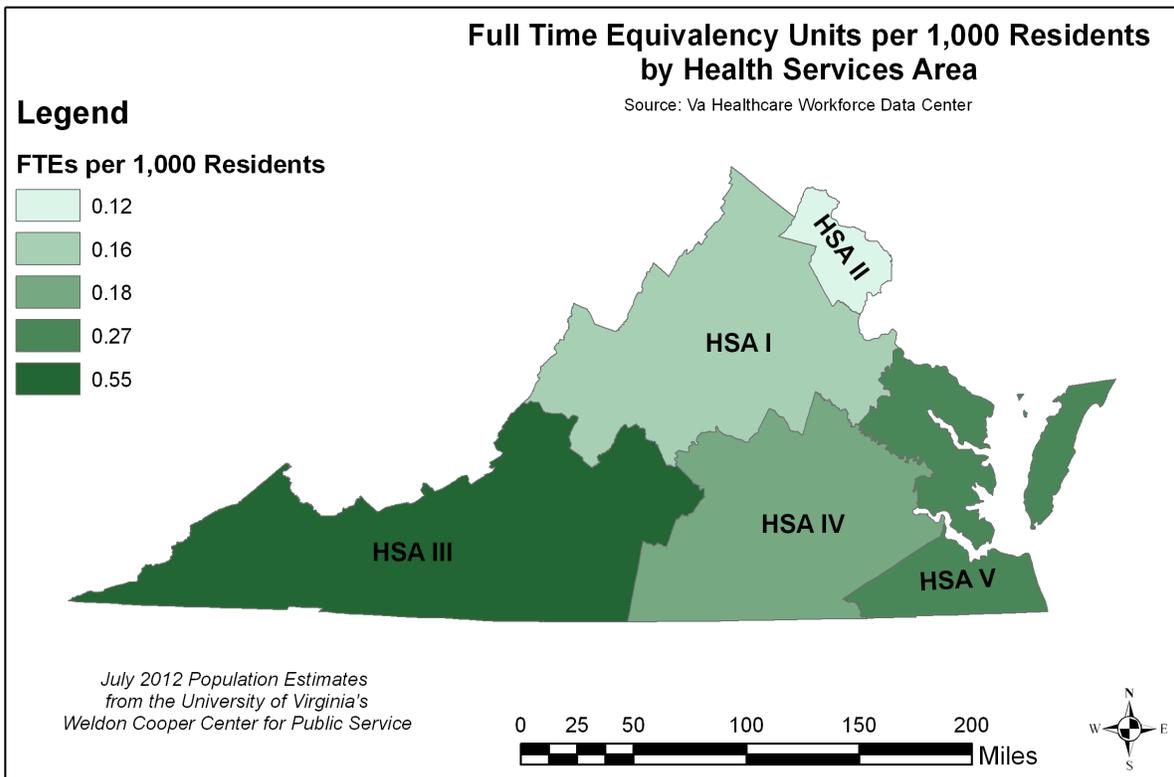
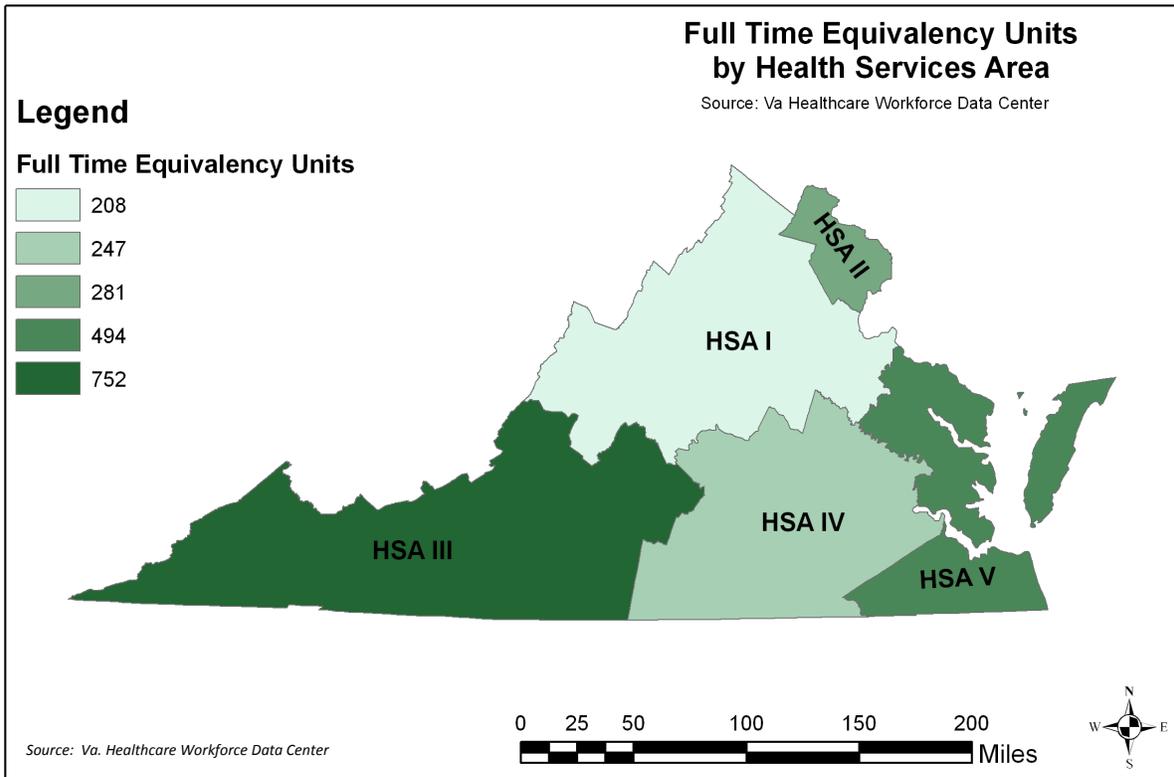
Source: Va. Healthcare Workforce Data Center











Appendix A: Weights

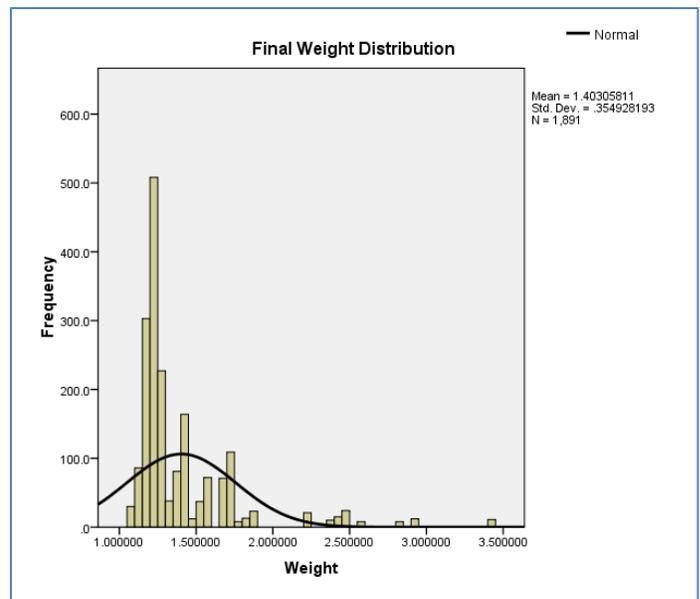
Rural Status	Location Weight			Total Weight	
	#	Rate	Weight	Min	Max
Metro, 1 million+	1212	75.33%	1.327492	1.192728	1.707035
Metro, 250,000 to 1 million	184	76.63%	1.304965	1.172488	1.678067
Metro, 250,000 or less	342	76.61%	1.305344	1.172828	1.678554
Urban pop 20,000+, Metro adj	68	83.82%	1.192982	1.071874	1.534068
Urban pop 20,000+, nonadj	0	NA	NA	NA	NA
Urban pop, 2,500-19,999, Metro adj	225	80.89%	1.236264	1.110761	1.589723
Urban pop, 2,500-19,999, nonadj	70	74.29%	1.346154	1.209496	1.731032
Rural, Metro adj	46	71.74%	1.393939	1.25243	1.79248
Rural, nonadj	42	71.43%	1.4	1.257876	1.800274
Virginia border state/DC	228	58.33%	1.714286	1.540256	2.204417
Other US State	235	37.45%	2.670455	2.399357	3.433963

Age	Age Weight			Total Weight	
	#	Rate	Weight	Min	Max
Under 30	442	55.43%	1.804082	1.534068	3.433963
30 to 34	368	65.49%	1.526971	1.298432	2.906499
35 to 39	329	79.33%	1.260536	1.071874	2.399357
40 to 44	442	78.05%	1.281159	1.08941	2.438612
45 to 49	342	73.39%	1.362255	1.158619	2.593533
50 to 54	318	77.67%	1.287449	1.094759	2.450584
55 to 59	251	76.49%	1.307292	1.111631	2.488353
60 and Over	161	67.70%	1.477064	1.255994	2.811505

See the Methods section on the HWDC website for details on HWDC Methods: www.dhp.virginia.gov/hwdc/

Final weights are calculated by multiplying the two weights and the overall response rate:
 $ageweight \times ruralweight \times responserate = final\ weight.$

Overall Response Rate: 0.712778



Physical Therapy Assistant Survey		
Instructions:		
<p>The following survey will assist policymakers at the state, federal and local levels assess the adequacy of the current physical therapy assistant workforce and project future workforce trends in relation to Virginia's changing population and health needs. It will help us advance the practice of physical therapy assistants and to improve the health of all Virginians. By law, information collected as part of this survey is confidential. License numbers and other individually identifying information are removed from Healthcare Workforce Data Center data sets. The Healthcare Workforce Data Center only releases information in the aggregate or to qualified research organizations who meet our strict confidentiality standards. Participation in this survey is voluntary.</p> <p>The survey questions are designed to allow comparisons across professions, and among state and federal data collection efforts. Some of the questions, particularly the demographic questions, match Federal data collection standards.</p>		
Education and Background		
1)	Year of Birth:	<i>Dropdown: 1996 to 1920 (reverse order)</i>
2)	Sex:	<i>Dropdown: Male/Female</i>
	Please select the items that best describe your race/ethnicity. Please answer both question 3a about Hispanic origin and 3b about race/ethnicity.	
3a)	Select one:	<i>Check one</i>
		Hispanic, Latino or Spanish Origin
		Not Hispanic, Latino or Spanish Origin
3b)	Select all that apply:	<i>Check all that apply</i>
		White
		Black or African American
		American Indian or Alaska Native
		Asian
		Native Hawaiian or Pacific Islander
		Some other race
3c)	If some other race, please specify:	<i>Fill in the blank</i>
4)	Where did you graduate from high school (Secondary School)?	<i>Dropdown</i>
		Outside of the US or Canada
		Canada
		57 US States and Territories
5)	Was your childhood spent mostly in rural, urban or suburban areas?	<i>Dropdown: urban, rural, suburban</i>
7)	Where did you obtain the degree that initially qualified you to practice as a physical therapy assistant ?	<i>Dropdown</i>
		Outside of the US or Canada

		Canada
		57 US States and Territories
9)	Do you hold an active license to practice as a physical therapy assistant in any other jurisdiction?	<i>Check all that apply</i>
		District of Columbia
		Kentucky
		Maryland
		North Carolina
		Tennessee
		West Virginia
		One or more other US states
8a)	Please indicate the highest level of physical therapy/PT assistant education you have completed as of today:	<i>Dropdown</i>
		Certificate
		Associate of Applied Science degree
		Associate of Science degree
		Baccalaureate degree
		Other
8b)	If you selected other, please provide a brief description:	<i>Fill in the blank</i>
9a)	Please indicate the highest level of non-physical therapy education you have completed as of today:	<i>Dropdown</i>
		Certificate
		Associate of Applied Science degree
		Associate of Science degree
		Baccalaureate degree
		Masters Degree
		Doctorate/Professional degree
		Other
9b)	If you selected other, please provide a brief description:	<i>Fill in the blank</i>
10)	Please indicate any current APTA Recognition of Advanced Proficiency certificates you have earned as of today:	<i>Check all that apply:</i>
		Acute Care
		Aquatic
		Cardiovascular/Pulmonary
		Geriatric
		Integumentary
		Musculoskeletal
		Neuromuscular
		Oncology
		Pediatric
11a)	Do you hold current credentials (license, certification, educational degree) in any of the following fields, separate from your physical therapy assistant credentials:	<i>Check all that apply</i>
		Art/Dance therapy

		Athletic training
		Exercise physiology
		Kinesiotherapy
		Nursing
		Occupational therapy assistant
		Orthotic/Prosthetic fitter
		Orthotic/Prosthetic technician
		Orthopedic technician
		Massage therapy
		Medical Assistant
		Other
11b)	If you selected other, please provide a brief description:	<i>Fill in the blank</i>
Current Employment Status		
12	Which choice best describes your <i>current</i> employment or work situation?	<i>Dropdown</i>
		Employed in a physical therapy related capacity.
		Employed, NOT in a physical therapy related capacity.
		I am retired.
		Voluntarily unemployed (including for medical reasons).
		Involuntarily unemployed.
13)	Overall, and taking into account all positions you fill, how satisfied are you with your <i>current</i> employment or work situation?	<i>Dropdown</i>
		Very satisfied
		Somewhat satisfied
		Somewhat dissatisfied
		Very dissatisfied
14)	How many positions do you <i>currently</i> hold?	<i>Dropdown</i>
	<i>Note: There is no legal standard for part-time work, and each employer defines part-time work differently. Part-time work generally refers to workweeks of 35-hours per week or less. Per diem, temporary, contract, self-employed and seasonal workers, and workers subject to annual limits on hours should consider average hours spent working over the term of employment.</i>	
		One part-time position
		One full-time position
		Two part-time positions
		One full-time position & one part-time position
		Two full-time positions
		More than two positions
15)	Considering all positions you <i>currently</i> fill, how long is your average workweek?	<i>Dropdown</i>
		I am not currently working

		1 to 9 hours
		10 to 19 hours
		20 to 29 hours
		30 to 39 hours
		40 to 49 hours
		50 to 59 hours
		60 to 69 hours
		70 to 79 hours
		80 or more hours
Unless otherwise noted, the rest of the questions draw on your experiences over the past 12 months. If you did not work in the past 12 months in a capacity that drew on your physical therapy assistant background, please skip to question 37.		
Primary Work Location		
<i>Questions 16 to 21 refer to your primary place of employment, work or practice (volunteer or paid) over the past 12 months. This is the location where you spend the most work hours during an average workweek or where you spent the most weeks working in the past 12 months. You do not need to currently work at this location. These questions refer to a location, not an employer. Persons who consistently work in multiple locations (e.g. temporary workers, home health, multi-facility rounds) should choose the location where they are based.</i>		
16)	Please select the location of your primary place of employment, work, volunteer work or practice:	<i>Dropdown:</i>
		Outside of US
		Virginia Border State/DC
		Other US State
		List of Virginia's Cities and Counties
17)	How long have you worked at this particular location?	<i>Dropdown</i>
		I do not currently work at this location
		Less than 6 months
		6 months to 1 year
		1 to 2 years
		3 to 5 years
		6 to 10 years
		More than 10 years
18a)	Approximate number of weeks at which at least some time was spent at this work location within the past twelve months (exclude vacation, medical leave, etc):	<i>Dropdown: 1 week - 52 weeks</i>
18b)	How many hours do you (or did you) work in an average workweek at this location?	<i>Dropdown</i>
		1 to 9 hours
		10 to 19 hours
		20 to 29 hours
		30 to 39 hours
		40 to 49 hours
		50 to 59 hours
		60 to 69 hours

		70 to 79 hours
		80 or more hours
19)	In the average workweek at this location, roughly what percentage of your working hours were spent in the following roles: (Answers should roughly equate to 100%).	<i>Dropdown: (for each sub-question)</i>
19a)	Administration or business-related matters	None
19c)	Direct patient care, including patient education and coordination of care	1% to 9%
19d)	Education of health professions students (including acting as preceptor)	10% to 19%
19e)	Formal research	20% to 29%
19f)	Other	30% to 39%
		50% to 59 %
		60% to 69%
		70% to 79%
		80% to 89%
		90% to 99%
		100%
20a)	Please select the choice that best describes this location's organizational sector:	<i>Dropdown</i>
		For-profit (e.g. private practice, corporate)
		Non-profit (including religious affiliated)
		State/local-government
		US military
		Veteran's Administration
		Other federal government
20b)	Please select the choice that best describes this practice setting:	<i>Dropdown:</i>
		Academic Institution
		Physician office
		Physical therapist office, solo
		Physical therapist office, group
		General hospital, inpatient department
		General hospital, outpatient department
		Nursing home/long term care
		Home health care
		PACE center
		Rehabilitation facility, residential/inpatient
		Rehabilitation facility, outpatient clinic
		Insurance organization
		Device manufacturer/distributor
		K-12 School System
		Other
20c)	If you selected "other practice setting" please provide a brief description:	<i>Open-ended</i>
21)	Please indicate how you are (were) personally compensated for activities at this location:	<i>Dropdown</i>

		Salary/Commission
		Hourly wage
		By contract
		Business/Practice income
		Volunteer, unreimbursed
If you only had one practice location in the past 12 months, please skip to question 31. If you had additional practice locations, please continue.		
Secondary Work Location		
<p>Questions 22 to 28 refer to your secondary place of employment, work or practice (volunteer or paid) over the past 12 months. This is the location where you spend the second most work hours during an average workweek or where you spent the second most weeks working in the past 12 months. You do not need to currently work at this location. These questions refer to a location, not an employer. Persons who consistently work in multiple locations (e.g. temporary workers, home health, multi-facility rounds) should choose the location where they are based.</p>		
22	Is this location with the same employer or practice as your primary location, or a different employer/practice?	<i>Dropdown</i> Same employer or practice Different employer or practice
23)	Please select the location of your secondary place of employment, work, volunteer work or practice:	<i>Dropdown:</i> Outside of US Virginia Border State/DC Other US State List of Virginia's Cities and Counties
24)	How long have you worked at this location?	<i>Dropdown</i> I do not currently work here Less than 6 months 6 months to 1 year 1 to 2 years 3 to 5 years 6 to 10 years More than 10 years
25a)	Approximate number of weeks at which at least some time was spent at this work location within the past twelve months (exclude vacation, medical leave, etc):	<i>Dropdown: 1 week - 52 weeks</i>
25b)	How many hours do you (or did you) work in an average workweek at this location?	<i>Dropdown</i> 1 to 9 hours 10 to 19 hours 20 to 29 hours 30 to 39 hours 40 to 49 hours 50 to 59 hours

		60 to 69 hours
		70 to 79 hours
		80 or more hours
26)	In the average workweek at this location, roughly what percentage of your working hours were spent in the following roles: (Answers should roughly equate to 100%).	<i>Dropdown: (for each sub-question)</i>
26a)	Administration or business-related matters	None
26b)	Direct patient care, including patient education and coordination of care	1% to 9%
26c)	Education of health professions students (including acting as preceptor)	10% to 19%
26d)	Formal research	20% to 29%
26e)	Other	30% to 39%
		50% to 59 %
		60% to 69%
		70% to 79%
		80% to 89%
		90% to 99%
		100%
27a)	Please select the choice that best describes this location's organizational sector:	<i>Dropdown</i>
		For-profit (e.g. private, corporate)
		Non-profit (including religious affiliated)
		State/local-government
		US military
		Veteran's Administration
		Other federal government
27b)	Please select the choice that best describes this practice setting:	<i>Dropdown:</i>
		Academic Institution
		Physician office
		Private practice, solo
		Private practice, group
		General hospital, inpatient department
		General hospital, outpatient department
		Nursing home/long term care
		Home health care
		PACE center
		Rehabilitation facility, residential/inpatient
		Rehabilitation facility, outpatient clinic
		Insurance organization
		Device manufacturer/distributor
		K-12 School System
		Other
27c)	If you selected "other practice setting" please provide a brief description:	<i>Open-ended</i>
28)	Please indicate how you are (were) personally compensated for activities at this location:	<i>Select all that apply:</i>

		Salary/Commission
		Hourly wage
		By contract
		Business/Practice income
		Volunteer, unreimbursed
If you had only two locations in the past 12 months, please skip to question 31. If you had additional practice locations, please continue.		
29)	How many total work locations have you had <i>over the past 12 months</i> ?	<i>Dropdown</i>
		3
		4
		5
		6 or more
30)	How many work locations do you have <i>currently</i> ?	<i>Dropdown</i>
		3
		4
		5
		6 or more
Employment Information		
<i>The Healthcare Workforce Data Center collects compensation information to assess the balance of supply and demand in the state and in localities, and to assist students in planning health careers and choosing specialties. Information from these questions will only be presented in the aggregate. The confidentiality of information for these and all questions is protected by law. All questions are voluntary.</i>		
31)	Within the past 12 months, have you experienced any of the following:	<i>Check all that apply</i>
		Voluntary unemployment (including for medical reasons)?
		Involuntary unemployment (including for medical reasons)?
		Switched employers/practices?
		Worked part-time or temporary positions, but would have preferred a full-time or permanent position?
		Worked two or more positions at the same time?
32)	What is your average hourly income from physical therapy assistant related activities?	<i>Dropdown:</i>
		Volunteer work only
		\$12/hour or less
		\$12.01-\$15.00/hr
		\$15.01-\$18.00/hr
		\$18.01-\$21.00/hr
		\$21.01-\$24.00hr
		\$24.01-\$27.00/hr
		\$27.01-\$30.00/hr
		\$30.01-\$33.00hr

		\$33.01-\$37.00/hr
		\$37.01-\$40.00/hr
		More than \$40.00/hr
33)	Do you receive any of the following benefits from any <i>current</i> employer?	<i>Check all that apply:</i>
		Paid Leave
		Health Insurance
		Dental Insurance
		Retirement (401k, Pension, etc.)
		Group Life Insurance
		Signing/retention bonus
34)	What is your estimated current educational debt?	<i>Dropdown:</i>
		None
		Less than \$2,000
		\$2,001-\$4,000
		\$4,001-\$6,000
		\$6,001-\$8,000
		\$8,001-\$10,000
		\$10,001-\$12,000
		\$12,001-\$15,000
		\$15,001-\$20,000
		More than \$20,000
35)	At what age do you plan to retire from work as a physical therapy assistant?	<i>Dropdown</i>
		Under age 50
		50 to 54
		55 to 59
		60 to 64
		65 to 69
		70 to 74
		75 to 79
		80 or over
		I do not intend to retire
36)	Within the next two years do you plan to do any of the following:	<i>Check all that apply</i>
		Retire
		Cease working as physical therapy assistant
		Continue working as a physical therapy assistant, but cease working in Virginia
		Increase patient care hours
		Decrease patient care hours
		Increase time spent teaching physical therapy assistant students
		Decrease time spent teaching physical therapy assistant students
		Pursue additional rehabilitation therapy education

End of Questionnaire for active practitioners-Thank you!		
37)	If you did not practice, teach or otherwise work in physical therapy assistant within the past twelve months, did/are you. . . ?	<i>Check all that apply:</i>
		I am retired.
		Work occasionally for charity/consultation/special patients?
		Pursue rehabilitation therapy education or certifications?
		Pursue education not related to rehabilitation therapy?
		Work in another profession or field?
		Experience temporary voluntary unemployment (including for medical reasons)?
		Experience temporary involuntary unemployment?
38)	Do you provide any volunteer, mentoring or other services within rehabilitation therapy in Virginia? If so, approximately how many hours in the past year?	<i>Dropdown:</i>
		None
		1-25 hours
		26-50 hours
		51-75 hours
		76-100 hours
		Over 100 hours
39)	Do you expect to begin working in physical therapy assistant in Virginia? If so, when?	<i>Dropdown:</i>
		Not currently planning to practice/work in Virginia
		Plan to practice/work in a volunteer capacity
		Yes, within the next year
		Yes, within 1-2 years
		Yes, within 3-5 years
		Yes, in more than 5 years
		Yes, do not know when
End of Questionnaire-Thank you!		